



KONICA MINOLTA

February 5, 2013

Chair Todd Gloria and Members of the Budget and Finance Committee
City Administration Building
202 C Street, 10th Floor
San Diego, CA 92101

RE: City Copier Convenience Program

Dear Chair Gloria and Committee Members:

The Agenda for the Budget and Finance Committee's meeting for February 6, 2013 includes a discussion on the copier convenience program. Konica Minolta has been following the City's copier program and desires to provide input into that discussion. This letter is not intended to refute Council action of November 1, 2011; but rather provide input of a concerned citizen. It is my desire to help the City lower costs and provide printed documents more efficiently. I have reviewed the reports prepared by staff and am concerned that copier assessment has not been done as promised and the fleet has increased in size. Please allow me to discuss these two concerns.

First; the copier assessment has not been done. The City still does not know what is needed for the convenience copier fleet. Without this information, it is impossible to make intelligent decisions concerning deployment and use of printing devices. I have read the Development Services Department study, a copy is provided as attachment 1. The study examines 97 printers and faxes but does not include copiers. The memo from Staff also mentions that the Police Department has already completed an assessment and minimized the number of printers. This is true; the SDPD assessment was completed by Konica Minolta in 2006. A copy of Konica Minolta's report is provided as attachment 2. I am concerned that nothing was done during the past year to assess the copier fleet. If this continues, the City will not have the necessary information required to issue a bid at the end of the existing contract.

Second, the number of convenience copiers has gone up. In July 2011, the City was using 565 copiers from Konica Minolta. However, the Staff report says the City is using 567 convenience copiers. It can be argued that the number of copiers does not matter because the City only pays for copies made and not the copiers themselves. However, the City made a shift from fast, larger copiers with a low cost per copy to the smaller copiers that a higher cost for each copy made. I am curious why changes were made to the copier fleet without a copier study being done first.

**City Copier Fleet on
July 1, 2011**

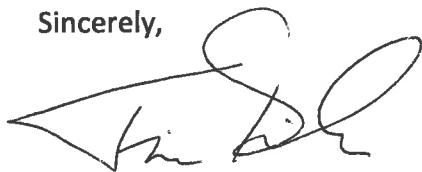
Segment Speed	Copier model	Quantity	Output
16 ppm	B161	59	black
16 ppm	C250/C252/C253/C280	45	color
30 ppm	B350	213	black
30 ppm	C352/C353/C360	64	color
40 ppm	B420	38	black
40 ppm	C452/C451	60	color
50 ppm	C552	1	color
60 ppm	B600/B601	71	black
80 ppm	B950	11	black
90 ppm	1050	3	black

**City Copier Fleet on
December 15, 2012**

Segment Speed	Copier model	Quantity	Output
16 ppm	AR208D	74	black
16 ppm	MURMFXC2700	8	color
30 ppm	MXM363N	212	black
30 ppm	MX3110N	115	color
40 ppm	MXM453N	46	black
40 ppm	MX4110N	56	color
50 ppm	MX5110N	1	color
60 ppm	MXM623N	43	black
80 ppm	MXM850	9	black
90 ppm	MXM950	3	black

At the City Council meeting on November 1, 2011, many promised to have an assessment or utilization study completed after the first year of the contract. Pictures were shown of two copiers sitting side by side and promises were also made to examine each copier location and eliminate redundant copiers. I am surprised that nobody followed through on either of these promises. I believe City copiers costs can be reduced when the study is done and the copier fleet is adjusted to meet the City's needs. Currently, the City does not know what copiers are actually needed.

Sincerely,



Tim Dischner
Director of Sales, San Diego
Konica Minolta Business Solutions



City of San Diego - DSD Printer Study

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Pricing in this proposal is good for 30 days from Dec 17, 2012

For: Mike Frattali

By: Chris Hart

December 17, 2012

Executive Overview

Sharp Business Systems recently completed a Printer Study for the City. This pilot program was conducted using a sample at the DSD building located at 1222 First Avenue. This building, in our opinion, served as a good overall indicator of how other facilities throughout the City operate in terms of how devices are utilized, as well as the employee to device ratio.

The purpose of this study was to determine the following:

- Total number of “single-function” devices being used by City personnel
- Discover areas of redundancy for future fleet consolidation
- Average cost per page for B/W and Color devices
- Discover areas of under/over utilization for future fleet optimization

Methodology

The methods used to conduct this study were a combination of physical walkthroughs and thorough site inspections using floor plans provided by the City IT staff, as well as using a print metering software application to track the usage of networked devices over a 60 day period from March through May. For devices not on the network, Sharp personnel were able to obtain print meters from most devices and those able to print a usage and/or configuration page. For devices such as inkjet printers and some of the older laser printers, usage and configuration pages could not be obtained and therefore usage was estimated based on the number of employees in that particular “hub”, or by interviewing the users for those particular devices as to the number of pages they printed per day and/or week, or by the amount of paper consumed during any given month for that particular device. It should be noted that during our assessment, some of the users had moved out of departments due to various reasons or printers had been moved or replaced causing us to not be able to accurately provide page counts. For these situations, page counts were estimated using the same methods mentioned above.

Cost per Page

Once the print volumes were collected, the next task was to establish a cost per page for B/W and Color pages respectively. Sharp used data provided by the City of San Diego. The costs associated with each print device were the true cost of toners purchased throughout the year, as well as various other costs associated with operating the devices. Those costs include the maintenance costs by Sarcom for service and repair.

Cost of Ownership Summary

Following is a summary of the findings of our Document Analysis study. Currently City of San Diego – DSD Printer Study :

- Produces an average of 31,298 pages for mono document output.
- Average cost per page is \$0.04490 for mono document output.
- Produces an average of 52,323 pages for color document output.
- Average cost per page is \$0.16568 for color document output.
- Spends \$10,074.26 monthly for document output.

Current Cost/Usage Summary by Technology

Equipment Type	Total Units	Black Volume	Color Volume	Mono TC O	Color TC O
B & W Laser Printer	37	13,189	0	\$612.23	\$0.00
Color Laser Printer	50	18,109	52,323	\$792.99	\$8,669.04
Fax Machine	10	0	0	\$0.00	\$0.00
GRAND TOTALS	97	31,298	52,323	\$1,405.22	\$8,669.04

City of San Diego - DSD Printer Study

B & W Laser Printer

Model	Department	Age	Black Volume	Color Volume	Mono CPP	Color CPP	Mono TCO	Color TCO
Lexmark X5100 Series	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
LEXMARK T632	DSD	7.0	3,337	0	0.05098	0.00000	\$170.12	\$0.00
Location	5th floor							
Lexmark T632	DSD	9.5	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
HP LaserJet 2430	DSD	7.6	143	0	0.07354	0.00000	\$10.52	\$0.00
Location	4th floor							
HP LaserJet 4250	DSD (fire dept)	7.9	1,674	0	0.02348	0.00000	\$39.30	\$0.00
Location	4th floor							
HP LaserJet 4200	DSD	9.5	14	0	3.58890	0.00000	\$50.24	\$0.00
Location	4th floor							
Lexmark T632	DSD	9.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
HP LaserJet 4250	DSD	7.6	1,622	0	0.02363	0.00000	\$38.33	\$0.00
Location	5th floor							
Lexmark T632	DSD	9.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
HP LaserJet 4000 Series	DSD	14.5	67	0	0.04792	0.00000	\$3.21	\$0.00
Location	3rd floor							
HP LaserJet 5200	DSD	6.1	3,453	0	0.03052	0.00000	\$105.40	\$0.00
Location	3rd floor							
HP LaserJet 1300n	DSD	9.1	481	0	0.07348	0.00000	\$35.35	\$0.00
Location	4th floor							
HP LaserJet 4250	DSD	7.6	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
Lexmark T632	DSD	9.5	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
HP LaserJet 1100	DSD	13.6	126	0	0.11923	0.00000	\$15.02	\$0.00
Location	5th floor							
HP Laserjet 2100 Series	DSD	13.3	57	0	0.31603	0.00000	\$18.01	\$0.00
Location	3rd floor							

HP LaserJet 1320	DSD	7.6	18	0	0.23555	0.00000	\$4.24	\$0.00
Location	3rd floor							
HP LaserJet 1300n	DSD	9.1	79	0	0.09511	0.00000	\$7.51	\$0.00
Location	3rd floor							
HP LaserJet 1150	DSD	8.7	4	0	0.83293	0.00000	\$3.33	\$0.00
Location	3rd floor							
HP LaserJet 1300n	DSD	9.1	191	0	0.06125	0.00000	\$11.70	\$0.00
Location	3rd floor							
HP LaserJet 1300n	DSD	9.1	703	0	0.04386	0.00000	\$30.84	\$0.00
Location	4th floor							
HP LaserJet 1012	DSD	8.7	130	0	0.06324	0.00000	\$8.22	\$0.00
Location	4th floor							
HP LaserJet 2100tn	DSD	13.3	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
HP LaserJet 4 Plus	DSD	18.0	206	0	0.03923	0.00000	\$8.08	\$0.00
Location	5th floor							
HP LaserJet 1300n	DSD	9.1	300	0	0.05258	0.00000	\$15.77	\$0.00
Location	5th floor							
HP LaserJet 4100	DSD	11.2	573	0	0.02358	0.00000	\$13.51	\$0.00
Location	5th floor							
HP LaserJet 6P	DSD	15.6	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
Dell Workgroup Laser Printer W5300n	DSD	8.5	11	0	2.13819	0.00000	\$23.52	\$0.00
Location	1st floor							
HP LaserJet 5P	DSD	17.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	1st floor							
HP LaserJet 5P	DSD	17.2	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	1st floor							
HP LaserJet 1020	DSD	7.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	2nd floor							
HP LaserJet 5P	DSD	17.2	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
HP LaserJet 1012	DSD	8.7	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
HP LaserJet 1150	DSD	8.7	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
Lexmark E320	DSD	10.6	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							

HP LaserJet 1000	DSD	10.6	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	3rd floor							
HP LaserJet 6P	DSD	15.6	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	1st floor							

Total Units	37	Equipment Type Sub Total	10.3	13,189	0	0.04642	0.00000	\$612.23	\$0.00
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Color Laser Printer

Model	Department	Age	Black Volume	Color Volume	Mono CPP	Color CPP	Mono TCO	Color TCO
HP Color LaserJet CP1518ni	DSD	4.0	1	6	1.07209	1.32920	\$1.07	\$7.98
Location	HP Color LaserJet CP1518ni							
HP Color LaserJet CP1518ni	DSD	4.0	0	1	0.00000	7.33634	\$0.00	\$7.34
Location	HP Color LaserJet CP1518ni							
HP Color LaserJet CP1518ni	DSD	4.0	0	1	0.00000	7.33634	\$0.00	\$7.34
Location	HP Color LaserJet CP1518ni							
HP color LaserJet 5550	DSD	8.0	18	25	1.19398	1.31293	\$21.49	\$32.82
Location	N/A							
HP color LaserJet 5550	DSD	7.6	97	609	0.10238	0.22132	\$9.93	\$134.79
Location	2nd floor							
HP color LaserJet 5550	DSD	7.6	178	1,012	0.07358	0.19253	\$13.10	\$194.84
Location	2nd floor							
HP Color LaserJet 4700	DSD	0.0	97	446	0.07616	0.16798	\$7.39	\$74.92
Location	2nd floor							
HP Color LaserJet CP1518ni	DSD	4.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
HP color LaserJet 5550	DSD	7.6	16	39	0.94037	1.05931	\$15.05	\$41.31
Location	4th floor							
HP Color LaserJet 2605dn	DSD	6.0	141	64	0.07348	0.21160	\$10.36	\$13.54
Location	5th floor							
HP color LaserJet 5550	DSD	7.6	1,842	3,910	0.04027	0.15922	\$74.18	\$622.53
Location	5ft floor							
HP Color LaserJet CP3525	DSD	0.0	565	1,433	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							

HP color LaserJet 5500	DSD	9.6	752	1,926	0.04791	0.16685	\$36.03	\$321.36
Location	4th floor							
HP Color LaserJet 2605	DSD	0.0	38	55	0.00000	0.00000	\$0.00	\$0.00
Location	4th Floor							
HP color LaserJet 4600	DSD	5.9	42	398	0.08250	0.19728	\$3.47	\$78.52
Location	4th floor							
HP color LaserJet 5550	DSD	7.6	903	2,746	0.04528	0.16422	\$40.89	\$450.96
Location	4th floor							
HP color LaserJet 4650	DSD	7.9	707	2,653	0.03447	0.14925	\$24.37	\$395.95
Location	4TH FLOOR							
HP Color LaserJet 4700	DSD	0.0	15	490	0.08008	0.17190	\$1.20	\$84.23
Location	4th floor							
HP color LaserJet 4650	DSD	7.9	842	2,461	0.03456	0.14933	\$29.10	\$367.51
Location	5TH FLOOR							
HP Color LaserJet 2605dn	DSD	6.0	165	643	0.04927	0.18739	\$8.13	\$120.50
Location	5th floor							
HP Color LaserJet CP3525	DSD	0.0	1,366	3,159	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
HP color LaserJet 5550	DSD	7.6	824	1,147	0.05694	0.17589	\$46.92	\$201.74
Location	5th floor							
HP color LaserJet 5550	DSD	7.6	2,118	3,496	0.04048	0.15943	\$85.74	\$557.36
Location	5th floor							
HP color LaserJet 4650	DSD	7.8	1,370	2,116	0.03429	0.14906	\$46.97	\$315.41
Location	5th floor							
HP color LaserJet 4650	DSD	7.9	1,743	4,049	0.03232	0.14709	\$56.33	\$595.58
Location	5TH FLOOR							
HP color LaserJet 5550	DSD	7.6	150	1,942	0.05547	0.17442	\$8.32	\$338.72
Location	3rd floor							
HP color LaserJet 5550	DSD	8.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	N/A							
HP color LaserJet 4600	DSD	5.9	174	1,269	0.04555	0.16033	\$7.93	\$203.46
Location	3rd floor							
HP color LaserJet 5550	DSD	7.6	66	457	0.12715	0.24610	\$8.39	\$112.47
Location	3rd floor							
HP color LaserJet 4650	DSD	7.9	148	1,478	0.03994	0.15471	\$5.91	\$228.67
Location	3rd floor							
HP Color LaserJet 8550	DSD	12.1	14	30	0.53263	0.63263	\$7.46	\$18.98
Location	3rd floor							

HP color LaserJet 5550	DSD	7.6	237	385	0.11194	0.23088	\$26.53	\$88.89
Location	4th floor							
HP Color LaserJet CP1518ni	DSD	4.0	42	442	0.08069	0.31976	\$3.39	\$141.33
Location	4th floor							
HP color LaserJet 4650	DSD	7.9	402	2,767	0.03478	0.14955	\$13.98	\$413.82
Location	3RD FLOOR							
HP color LaserJet 4650	DSD	7.9	171	552	0.05317	0.16794	\$9.09	\$92.71
Location	3RD FLOOR							
HP color LaserJet 4650	DSD	8.3	463	1,666	0.03744	0.15221	\$17.33	\$253.58
Location	N/A							
HP color LaserJet 9500	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	DSD-HP9500-1-C OB3							
HP color LaserJet 4600	DSD	5.9	135	1,054	0.04902	0.16379	\$6.62	\$172.64
Location	3rd floor							
HP color LaserJet 5550	DSD	7.6	431	1,598	0.05621	0.17516	\$24.23	\$279.91
Location	4th floor							
HP Color LaserJet 8550	DSD	12.1	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
HP Color LaserJet 2600n	DSD	7.0	66	80	0.08210	0.22022	\$5.42	\$17.62
Location	5th floor							
HP color LaserJet 9500	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	4th floor							
HP Color LaserJet CP1525nw	DSD	4.1	845	4,120	0.06313	0.29520	\$53.34	\$1,216.23
Location	3rd floor							
HP Color LaserJet CP1525nw	DSD	4.1	314	1,279	0.06620	0.29827	\$20.79	\$381.49
Location	3rd floor							
HP Color LaserJet CP1518ni	DSD	4.1	17	46	0.17745	0.41652	\$3.02	\$19.16
Location	3rd floor							
HP Color LaserJet CP1525nw	DSD	4.1	59	89	0.10907	0.34114	\$6.44	\$30.36
Location	5th floor							
HP Color LaserJet 4600	DSD	5.9	535	184	0.06187	0.17665	\$33.10	\$32.50
Location	1st floor							
HP Color LaserJet CP1525nw	DSD	4.1	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
HP Color LaserJet CP1525nw	DSD	4.1	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							
HP Color LaserJet 2600n	DSD	7.0	0	0	0.00000	0.00000	\$0.00	\$0.00
Location	5th floor							

Total Units	50	Equipment Type Sub Total	5.8	18,109	52,323	0.04379	0.16568	\$792.99	\$8,669.04
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Fax Machine

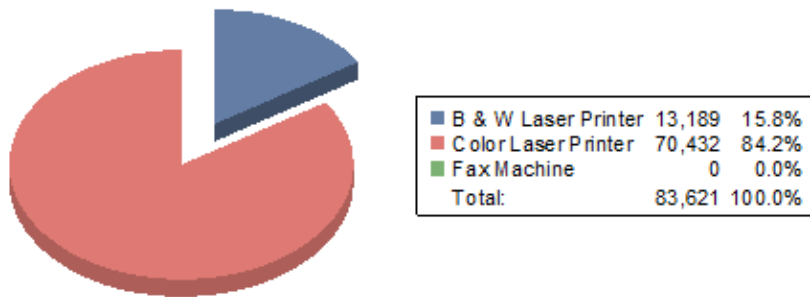
Model	Department	Age	Black Volume	Color Volume	Mono CPP	Color CPP	Mono TCO	Color TCO
OKI Fax 1000	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 5th floor							
OKI Fax 1000	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 5th floor							
OKI Fax 5400	N/A	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 5th floor							
OKI Fax 5980	N/A	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 5th floor							
OKI Fax 2600	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 5th floor							
Brother IntelliFax-4750e	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 4th floor							
OKI Fax 5980	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 4th floor							
Brother IntelliFax-4750e	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 3rd floor							
Brother IntelliFax-4750e	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 3rd floor							
Brother IntelliFax-4750e	DSD	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
	Location 3rd floor							

Total Units	10	Equipment Type Sub Total	0.0	0	0	0.00000	0.00000	\$0.00	\$0.00
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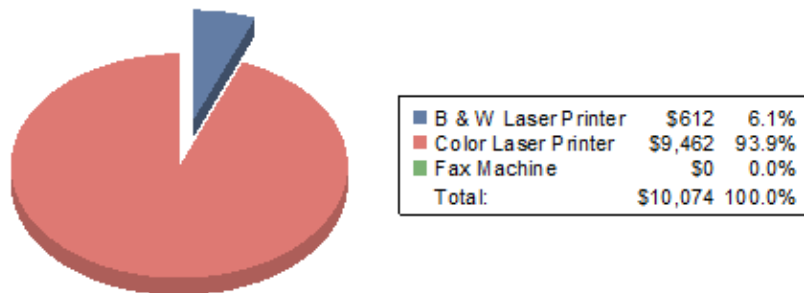
Summary

Total Units	Age	Black Volume	Color Volume	Mono CPP	Color CPP	Mono TCO	Color TCO
97	6.9	31,298	52,323	0.04490	0.16568	\$1,405.22	\$8,669.04
Grand Total				\$10,074.26			

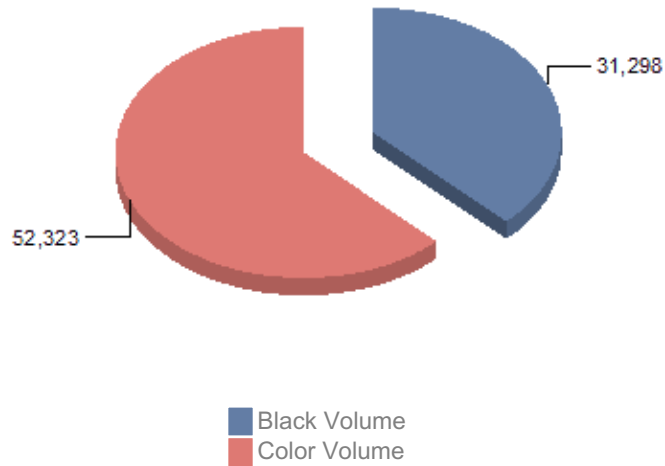
Volume by Equipment Type



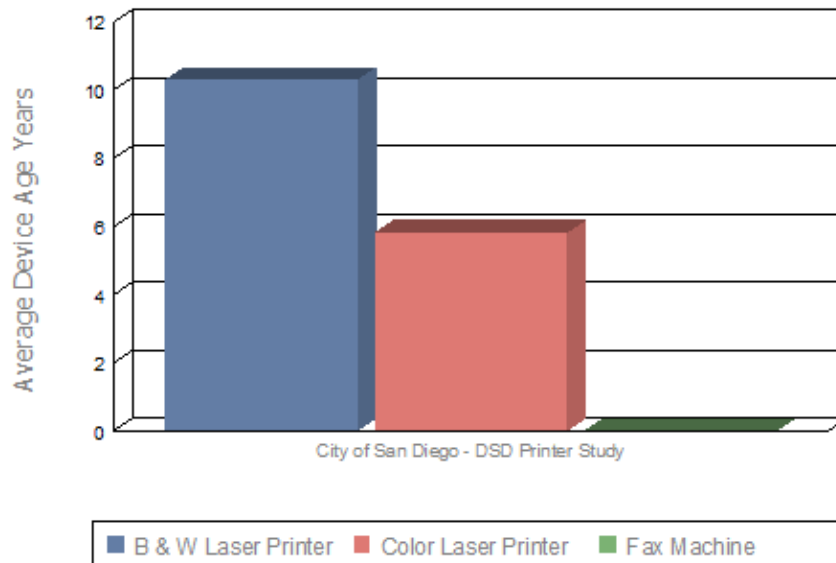
Cost by Equipment Type



Volume Totals All locations



Device Age All locations



Grand Totals	Total Units	Age	Black Volume	Color Volume	Mono CPP	Color CPP	Mono TCO	Color TCO	Grand Total for All TCO
	97	6.93	31,298	52,323	0.04490	0.16568	\$1,405.22	\$8,669.04	\$10,074.26

Executive Summary

The summary is based on the results of the pilot program, which was conducted using a 60 study at the DSD building located at 1222 First Avenue. Sharp Business Systems has concluded that the City of San Diego can realize a savings by consolidating single function printers and fax machines and sending more prints to the MFPs. The savings will be realized in a number of different ways listed below :

- Less total devices means less energy being consumed by the City of San Diego
- B/W prints being sent to the HP printers are costing the City of San Diego, on average, roughly 4.5 cents per page
- Color prints being sent to the HP printers are costing the City of San Diego, on average, roughly 16.5 cents per page
- The City of San Diego copier program charges end users a much lower rate for both B/W and Color printers.
- Utilizing the Sharp MFPs for faxing and not single function fax machines will save the City of San Diego money. Savings will be realized based on the equipment cost of the single function fax machines, consumables, energy, and maintenance on the equipment. Consumables and maintenance are included in the cost per page the City of San Diego is paying on the Sharp MFPs.
- Sharp MFPs are serviced and supported by Sharp Business Systems under the 5 year contract in place. Single function printers and fax machines are either supported by the City of San Diego IT staff or by a third party maintenance contract. Eliminating these devices eliminates the need for service under either of these methods, which have hard cost and soft cost ramifications for the City of San Diego.

Sharp Business Systems would like to work with the City of San Diego to help further reduce costs and save the City of San Diego money, based on the results of this study. We believe there is a potential for significant savings city wide. Sharp Business Systems would like to work with the Public Works and Purchasing department to enhance the contract in place to allow the City of San Diego to take advantage of the savings opportunity. Dramatically increasing the print volume on the Sharp MFPs due to printer consolidation is outside of the scope of the RFP and not accounted for in the contract. Sharp Business Systems would like to work with the City of San Diego to de-blend the rate of the color machines in an effort to move forward with a printer consolidation project. The de-blended rates would have no impact on the existing copier program expense. Enhanced de-blended rates would allow users to send B/W and Color prints, previously being printed on the single function printers, to the Sharp MFPs at a significantly lower rate than what they are currently

Police Headquarter's Site Suvey Results

22-Sep-06

Ramp Up To "E" Street (Level 1)

Parking

920

905

922

901

903

923

902

900

EP2080
31756356

B350-2

Property

913

906

C250F-7A

Lexmark 2450
??

EP2080
31756355

007
Oki 5950 Fax

919

908

SAN DIEGO

LEVEL P1

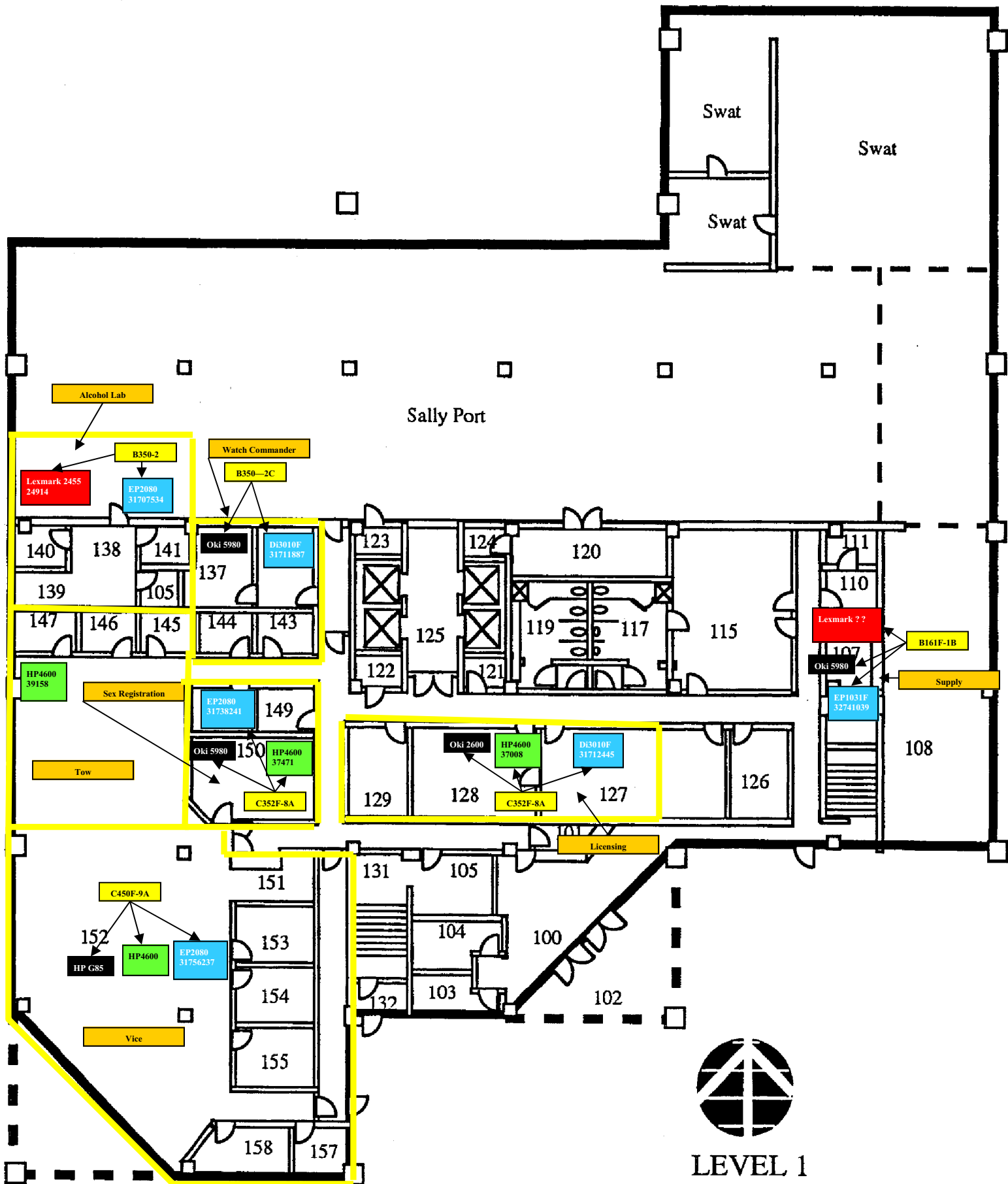
POLICE DEPARTMENT HEADQUARTERS
CITY OF SAN DIEGO

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Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location ?
Level P1	Property	EP2080	31756355	2,734		8A	C250F-7A	No
		Lexmark 2450						
		OkI 5950 Fax					Above machine can run color	
		EP2080	31755365	1,979		2C	b350-2	No

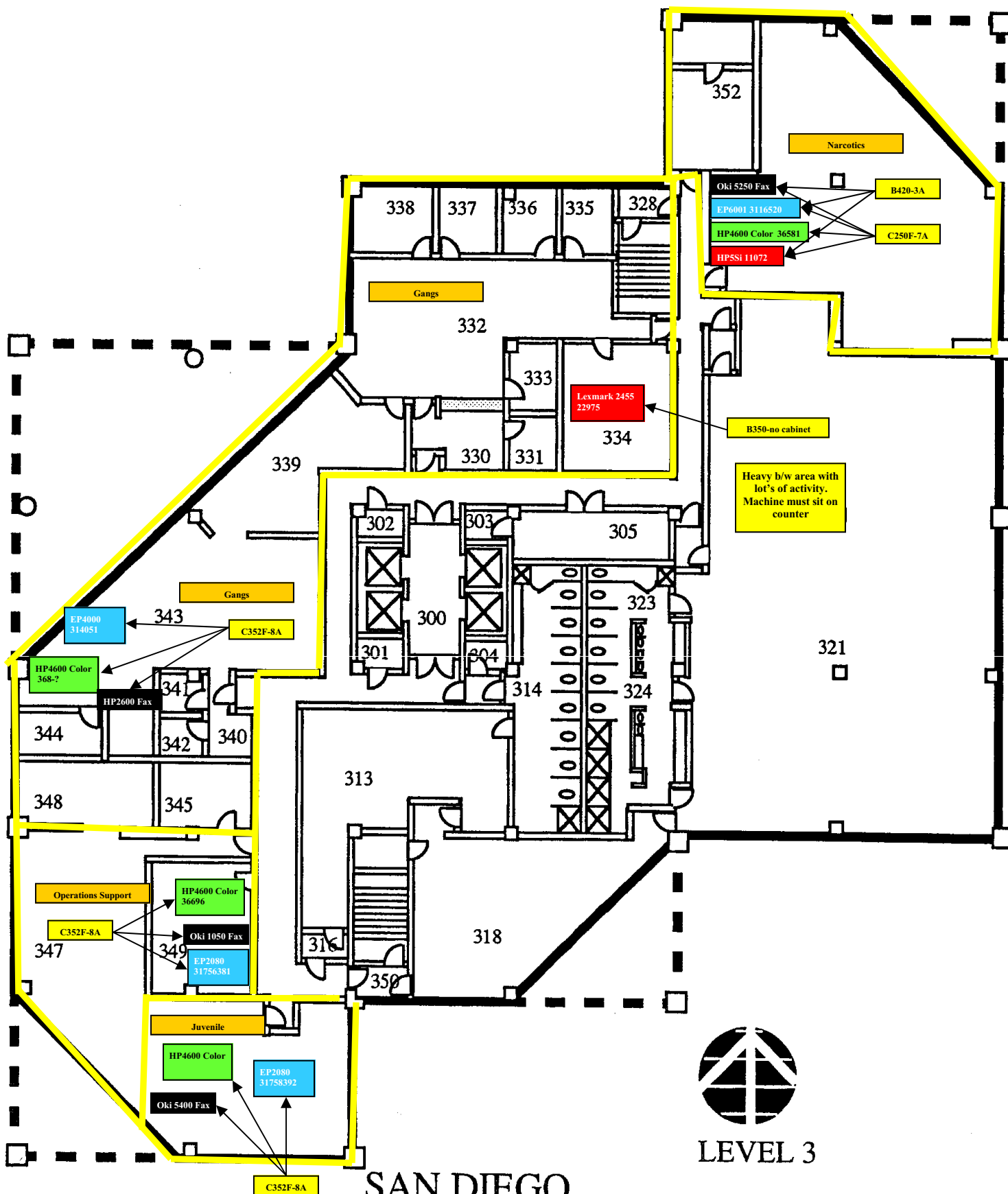


LEVEL 1

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Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 1	Watch Commander	D3010F Oki 5950 Fax	31711887	8,921		2C	B350F-2C Combine all of this	No
Level 1	Supply	EP1031F HP 2200 Oki Fax	32741039			none yet	B161F-1B Combine all	No
Level 1	Licensing	D3010F Oki 2600 Fax	31712445	4,939		2C	C352F-8A	No
		HP46 00 Color	37008	491	276	Envelopes / low vol. Color	Combine all of this	
Level 1	Alcohol/Narcotics	EP2080	31707534	3,090		2C	B350-2	No
Level 1	Sex Registration	EP2080 Oki 2600 Fax	31738241	2,471		none yet	C352F-8A	No
		HP46 00 Color	37471	1,036	582	pictures of criminals	Combine all of this	
Level 1	Vice	EP2080 HP G85 Fax HP46 00 Color	31756237	6,106		2C	C450F-9A	No
			36690	2,678	1,506		Combine all of this	
Level 1	Tow	HP46 00 Color	39158	286	160	They use vice copier	NA Color belongs to the towing company	NA

Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 2	Teletype (Records)	Lexmark 610	31481	323		CLTES Application	B350F-2C	Yes
		HP2300				CLTES Application	Need to add mail-bin for special application	
		HP4250	44521	11,091		CLTES Application	B350F-2C	Yes
		Oki 5980 Fax						
Level 2	ID Section (Records)	Lexmark 2450	16028			AFR Printing	B350F-2C	Yes
		Oki 5980 fax				TX to Courts		
		Lexmark 2450	16060			AFR Printing		
		Lexmark 2450	16027			AFR Printing	Need fax	
Level 2	ID Section (table) Room 251	HP4700	45397	10,900		Keep cabinet and finisher	B350-2	Yes
		Lexmark 1625	24864	2,762				
Level 2	Public Counter	Lexmark T614	26550	2,660		Take off cab. and finisher	B350-2	Yes
Level 2	Records Administration	HP46 00 Color	36853	2,918	1,641		C250-7	
						Color from sys 45397 (2762/month) will migrate here		
Level 2	Data Entry	EP4000	3126743	10,360		3B	B600-4E	Yes
		HP4650	44376	10,617	3,167		Heavy b/w volume	Need to determine where to place MFP
Level 2	Back Counter (Records)	D1750	311830	35,703			6 Pro 1050-6	No
Level 2	Front Counter (Records)	D1750	311356	33,458		5A	Pro 920-5A	No
		D1850	22001675	77,520		6 Pro 1050-6		No
Level 2	Media Relations	EP2080	31754999	1,506		2C	C250F-7A	No
		HP K60 Fax						
		Lexmark color					Combine all of this	
Level 2	Background/Recruiting	D1470	31707264	13,248		3B	B350-2C	No
		HP46 00 Color	37423	3,762	2,116		Downsize the D1470 and add color in other room where HP4600 sits.	By doing this, 30% of b/w copy volume moves. Heavy color.
		HP Officejet Fax						
		HP2200	35260					
		HP46 50 Color	44377	602	1,043	In recruiting room	C250F-7A	Yes
						Replacing 2 machines	C250-7	Yes
Level 2	Medical Assistance	EP2080	31755284	1,349		2C	B350-2A	No
		HP2200	35258					
Level 2	Human Resources	D13010F	31708051	12,181		3B	C450F-9A	No
		HP46 00 Color	36850	1,086	611			



Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 3	Gangs	EP4000	314051	2,694		2C	C450F-9A	No
		HP46 00 Color	36852	4,688	2,637			
		Oki 2600 Fax						
		HP2455		1,428			Chance to combine gear	
Level 3	Operations Support	EP2080	31756381	1,693		2C	C352F-8A	No
		HP4500 Color	36696	2,409	1,355			
		Oki 1050 Fax					Chance to combine gear	
Level 3	Juvenile Administration	EP2080	31758392	2,280		2B	C352F-8A	No
		HP46 00 Color	37082	236	133			
		Oki 5400 Fax					Chance to combine gear	
Level 3	Narcotics	EP6001	3116520	8,190		4E	B420-3A	No
		HP46 00 Color	36851				Chance to combine gear	
		HP5Si					C250F-7A	Yes
		Oki 5250 Fax						
Level 3	Gangs area	Lexmark 2455	22975			Take off cabinet	B350-2	Yes

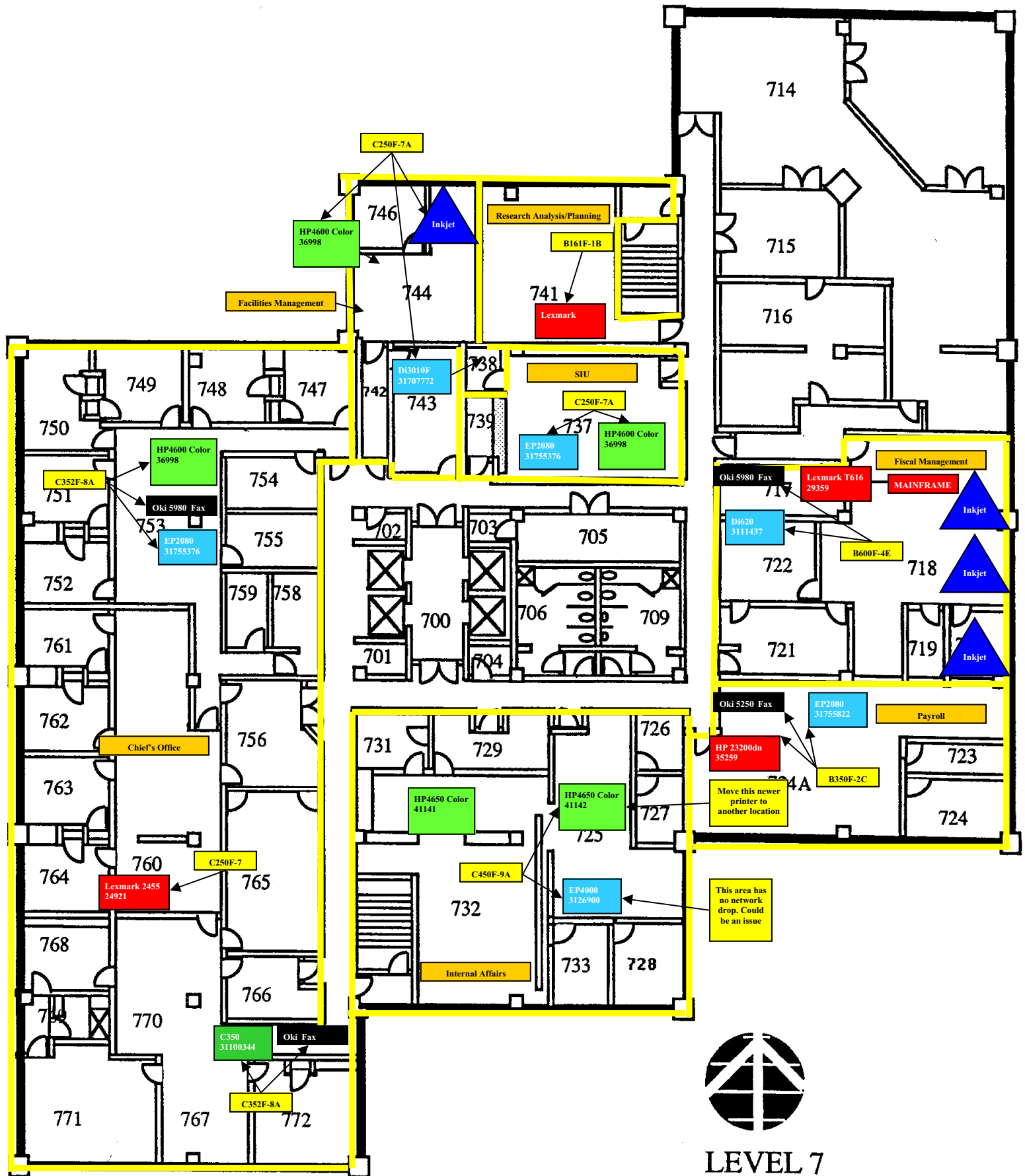
Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 4	911 Call Center	EP4000	3126740	11,257		4E	B600F-4E	No
		Oki 5980 Fax					Combine all into one	
		Lexmark T610	31623				B161F-1B	Yes
		Lexmark T614	27771	2,420			B161F-1B	Yes
		Lexmark T616	29362				B161F-1B	Yes
		Lexmark T610	31624				B161F-1B	Yes
		HP2200	??				B161F-1B	Yes
	Room 458	Lexmark	??				B161F-1B	Yes
		HP4600	37472	1,978	1,112		Nothing right now	NA
Level 4	CIU	EP2080	31755661	2,310		2C	C250F-7A	No
		HP4600 Color	37193	851	479			
		HP 2600 Fax					Don't need fax	
		6210 Scanner						
Level 4	Homicide	EP6001	3116934	13,471		4E	B420-3A	No
		HP4600 Color	37003	1,855	1,043		C352F-8A	Yes
							Replace 2 for 1	
Level 4	Robbery	EP4000	3128898	2,790		2C	C352F-8A	No
		HP4600 Color	36849	1,448	812		Combine all into one	
		HP G85 Fax						
Level 4	Room 424	HP2600 Fax					B161F-1B	
		Lexmark 2455					Chance to combine gear	
Level 4	Administration	Lexmark T1625					Fax and printer in 2 areas.	NA
		Dell Fax					Nothing here.	

Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 5	Child Abuse	D13010F	31708047	6,765		2C	C450F-9A	No
		HP46 00 Color	37081	2,262	1,272		replace w/color	
Level 5	Polygraph	HP700 Fax					C250F-7A	Yes
		Lexmark S2455						
		Many inkjet				Desire to replace these color inkjets	Small space	
Level 5	CRMS/NT	D1620	3131947	2,604		3B	C352F-8A	No
		HP46 00 Color	36182	588	311			
		HP 720 Fax					Replacing many devices here	
		HP46 00 Color	36689	86	48		C250-7	Yes
		HP4250	44959	641				
Level 5	Auto theft	D13010F	31712205	5,216		2C	C352F-8A	No
		Lexmark 2450		1,121			B161F-B	
Level 5	Sex Crimes	EP4000	3128915	3,500		2C	C352F-8A	No
		HP46 00 Color	37423	2,014	1,133		High volume of color	
		Oki 2600 Fax						
Level 5	Crime Analysis and Data Systems	D1620	3121950	8,399		3B	C450F-9A	No
		HP46 00 Color	37005	292	164		Replacing 5 devices with just one.	
		HP G85 Fax	29378					
		HP Scanner						
		HP K 80 Fax	29216		128			
		HP 4250	45371	1,437			B161F-1B	Yes
		HP300 Fax					B350-2	Yes
		Lexmark T6 44	31804	3,994			replace in room	



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Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 6	Narcotics	Lexmark 2455	24920	614		No needs		NA
Level 6	Firearms (Room 659)	Lexmark S2455	24919	200		need duplex	B350-2C	Yes
Level 6	DNA	Inkjet				No Needs		NA
Level 6	Vault	EP2080	31758338	??		2C	B350-2B	No
		HP2200						
Level 6	Forensic / Bio	NA					C250F-7A	Yes
		HP46 50 Color	43891					
		HP46 50 Color	44881					
		HP46 50 Color	43890				These are SD Coiunity owned and won't be touched	
		Inkjet						
Level 6	Crime Scene Unit	EP2080	31758343	3,500		nothing yet	B350F-2C	No
		Lexmark T6 10	31030	509			The 2 inkject are connected to 2 PC's printing color images	Maybe replace with networked color to do all work.
		Lexmark 2455	24913	1,817				
		2 Color Inkjet						
Level 6	Room 664, Conference Room	Sharp C270	??				C250-7	Yes
							need application to Nancy	
Level 6	Administration Lab	EP1031F	32759477	431		1B	B16 1F-1B	No
		EP4000	3126892	5,700			C450F-9A	No
		HP Jetfax M9100e						
		HP46 00 Color	36692	1,665	936			
Level 6	Lab Supervisor's	Lexmark T6 10	31565	306			B16 1F-1B	Yes
Level 6	Latent Print, Room 670	Lexmark 2455	24915	1,220			C250F-7A	Yes
		HP Scanner					Long walk for copies. Use fax	
		NEC 721 Fax					for copying	



LEVEL 7

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Floor	Department	Model	ID#	B/W Volume	Color Volume	Special Application	Recommendation	New Location?
Level 7	Chief	EP2080	31756118	1,688		8A	C352F-8A	No
		HP4600	37080	644	362			
		Oki 2600 Fax					Combine all of this	
		Lexmark 2455	24921	759			C250F-7A	Yes
		C350	31100344	2,342	1,785	8A	C352F-8A	No
Level 7	Fiscal Management	Di620	3111437	13,863		4E	B600F-4E	No
		Lexmark T616	29359				Combine Fax only. T616 on Mainframe	
		Oki 5980 Fax						
Level 7	Research Analysis /Plan	Lexmark	??				B161F-1B	Yes
Level 7	Internal Affairs	EP4000	3126900	7,488		3A	C450F-9A	No
		HP46 50 Color	41141	1,916	615		Far from copier	Need to discuss connecting
		HP46 50 Color	41142	2,063	427		Near EP4000	
Level 7	Payroll	EP2080	31755822	1,768		2B	B350F-2C	No
		HP 2200	35259					
		Oki 5250 Fax					Combine all of this	
Level 7	SIU	EP2080	31755376	250		2C	C250F-7A	No
		HP46 00 Color	36998	1,454	818		look at color vol	
Level 7	Facilities Management	D3010F	31707772	1,728		nothing yet	C250F-7A	No
		HP46 00 Color	36688	1,377	774		Look at color vol	